

**From:** [McKenna, James \Jim\](#)  
**To:** [Carl Stivers](#); [GAINER Tom](#); [Chip Humphrey/R10/USEPA/US@EPA](#)  
**Cc:** [ANDERSON Jim M](#); [rjw@nwnatural.com](#); [Rick Applegate](#)  
**Subject:** RE: FS data gaps  
**Date:** 04/09/2007 04:57 PM

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Carl and Tom:

We will discuss this tomorrow at the LWG Management Team Meeting. My initial thought is that it would be important for DEQ Project Managers overseeing upland investigations at and near the Portland Harbor to understand where we are going with the in-water FS. This could help them focus and prioritize upland source control issues (e.g., what needs to be done by the time the FS is written, and what can await the detail design phase).

Jim.

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**From:** Carl Stivers [<mailto:cstivers@anchorenv.com>]  
**Sent:** Monday, April 09, 2007 4:53 PM  
**To:** GAINER Tom; [humphrey.chip@epa.gov](mailto:humphrey.chip@epa.gov)  
**Cc:** ANDERSON Jim M; [rjw@nwnatural.com](#); McKenna, James (Jim); Rick Applegate  
**Subject:** RE: FS data gaps

Tom –

Sorry I did not respond. I guess I was waiting to see what others thought about this question. My opinion is that this is a pretty complex issue and really varies by data type. So, this is not a simple quick discussion. I think that we could have a small subset of LWG folks available who are closest to this issue to help sort through the details in a meeting or call.

I have copied the LWG managers on this so that they know there is a request out there for a discussion on this topic.

Thanks.

Carl

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**From:** GAINER Tom [<mailto:GAINER.Tom@deq.state.or.us>]  
**Sent:** Monday, April 09, 2007 3:27 PM  
**To:** [humphrey.chip@epa.gov](mailto:humphrey.chip@epa.gov); Carl Stivers  
**Cc:** ANDERSON Jim M  
**Subject:** RE: FS data gaps  
**Importance:** High

I know y'all are busy, but I never got a response to this email. Please respond this week.

Thanks-  
Tom

-----Original Message-----

**From:** GAINER Tom

**Sent:** Wednesday, March 14, 2007 1:56 PM

**To:** 'humphrey.chip@epa.gov'; 'cstivers@anchorenv.com'

**Cc:** ANDERSON Jim M

**Subject:** FS data gaps

Carl and Chip-

In order to evaluate potential remaining FS data gaps in the LWG Round 2 Report, I'd like to get a better conceptual sense of where the Portland Harbor FS is going and how well existing data supports it. For example, what level of detail and associated data needs are planned for the FS vs. left for RD/RA? I'm not sure if this would best be addressed in a meeting, phone call, etc., or if others would want to participate. Please let me know what venue you think would work to convene within the next couple of weeks.

Thanks-

**Tom Gainer, P.E.**

Project Manager/Environmental Engineer

Oregon Department of Environmental Quality, NW Region

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